

Datasheet for 76650-0180

General Information

Kit Part Number:	76650-0180
Connector Type:	Terminal Blocks
Solution:	Off the Board Terminal Blocks
Molex Family:	Beau® Eurostyle®
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 6
Current Rating:	60A
Mounting Style:	Vertical PCB Block
Pitch:	10.16mm (.400")
Rows:	Single Fixed (one-piece)
Voltage Rating:	300V
Wire Gauge (AWG):	10-8

Product Highlights

Design engineers are looking to bring more power directly to the PCB, instead of using other costly and time-consuming methods, such as ring cable lugs or customized DIN-rail terminal blocks. A wiring technique that is attractive for marketing requirements, as well as, easy for users to access, can greatly improve the success of end products that use power terminal blocks. Molex® offers the most complete line-up of high-power terminal blocks in the industry.

Features and Benefits

- Rising cage clamp wire termination provides secure, reliable contact
- Multiple PCB terminals distribute power more evenly, reducing "hot spots"
- Combination slotted/posi drive screw heads improve transmission of torque for superior wire retention
- Extended wire funnel entry surrounds the wire insulator, eliminating exposed wire strands and possible shorting
- High temperature housing to withstand lengthy solder pre-heat conditions

Applications

- Industrial applications
- AC drives
- Motor controls
- Power controllers
- Power converters
- Audible/visual warning systems
- Spa controls
- Solar power
- Fuel cells

Bill of Materials

Molex Part No.	Description	Quantity
39970-0102	2 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount, PCB Terminal Block, 60A	3
39970-0103	3 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount, PCB Terminal Block, 60A	2
39970-0104	4 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount, PCB Terminal Block, 60A	1
39970-0106	6 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount, PCB Terminal Block, 60A	1

Recommended Molex Tool

Molex Part No. **Description**